

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
OFFICE ENGINEER, MS 43
1727 30TH STREET
P.O. BOX 168041
SACRAMENTO, CA 95816-8041
PHONE (916) 227-6230
FAX (916) 227-6214
TTY (916) 227-8454



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**** WARNING ** WARNING ** WARNING ** WARNING ****
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September 20, 2004

04-CC,Sol-680-40.7/41.0, 0.0/0.6
04-049084

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in CONTRA COSTA AND SOLANO COUNTIES IN BENICIA AND MARTINEZ AT THE BENICIA-MARTINEZ BRIDGE.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on October 5, 2004 instead of the original date of September 21, 2004.

This addendum is being issued to set a new bid opening date as shown herein and revise the Notice to Contractors and Special Provisions.

In the Special Provisions, Section 10-1.085, "TREATED WOOD, GENERAL," is added as attached.

In the Special Provisions, Section 10-1.087, "TESTING AND DISPOSAL OF TREATED WOOD," is added as attached.

To Proposal and Contract book holders:

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

Addendum No. 2
Page 2
September 20, 2004

04-CC, Sol-680-40.7/41.0, 0.0/0.6
04-049084

This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it. A copy of this addendum and the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Office Engineer

Attachments

10-1.085 TREATED WOOD, GENERAL

Attention is directed to "Testing and Disposal of Treated Wood" and "Bridge Removal" of these special provisions.

Wood treated with creosote, pentachlorophenol, arsenic, copper, zinc, or chromium has been used in components of the existing fender.

No treated wood shall be deposited in the Bay or on public roads. The Contractor shall indemnify the State from any costs due to spillage during transport of the treated wood to the disposal facility.

APPLICABLE RULES AND REGULATIONS

Transport and disposal of treated wood shall be in accordance with the rules and regulations of the following agencies:

United States Department of Transportation (USDOT)

United States Environmental Protection Agency (USEPA)

California Environmental Protection Agency (CAL-EPA)

1. Department of Toxic Substances Control (DTSC)

2. Integrated Waste Management Board

3. Regional Water Quality Control Board, Region 2 (RWQCB)

4. State Air Resources Board

Bay Area Air Quality Management District (BAAQMD)

California Department of Occupational Safety and Health Administration (CAL-OSHA)

PERMITS AND LICENSES

The Contractor shall procure all permits and licenses, pay all charges and fees, and give all notices necessary and incident to the due and lawful prosecution of the work.

The Engineer will obtain the Environmental Protection Agency Generator Identification Number and Board of Equalization Identification Number, if required, and sign all manifests as the Generator.

SITE HEALTH AND SAFETY PLAN

The Contractor shall prepare a detailed Site Health and Safety Plan for all site personnel, including State personnel, that identifies potential health and safety hazards associated with each operation and specifies work practices that will be used to protect workers from those hazards in conformance with the DTSC and CAL-OSHA regulations. At a minimum, the Site Health and Safety Plan shall identify key site safety personnel, describe risks associated with the work, describe training requirements, describe appropriate personal protective equipment, describe any site-specific medical surveillance requirements, describe any periodic air monitoring requirements, define appropriate site work zones, and describe any decontamination requirements. The Site Health and Safety Plan shall be submitted at least 15 working days prior to beginning any excavation work for review and acceptance by the Engineer. Prior to submittal, the Contractor shall have the Site Health and Safety Plan approved by an Industrial Hygienist certified by the American Board of Industrial Hygiene. Subcontractors shall use the Site Health and Safety Plan prepared by the Contractor or prepare and submit a separate Site Health and Safety Plan in conformance with the provisions in this section.

SAFETY TRAINING

Prior to performing any work, all personnel, including State personnel, shall complete a safety training program that communicates the potential health and safety hazards associated with work on the site and instructs the personnel in procedures for doing the work safely. The level of training provided shall be consistent with the personnel's job function and conform to CAL-OSHA regulations. The training, including subsequent training required until completion of the project, shall be provided by the Contractor. The Contractor shall provide a certification of completion of the Safety Training Program to all personnel. Personal protective equipment required by State personnel to inspect the work shall be provided by the Contractor. The number of State personnel requiring the above mentioned safety training program and personal protective equipment will be 5.

SAMPLING AND ANALYSIS

Attention is directed to "Testing and Disposal of Treated Wood" elsewhere in these special provisions. Sampling and analysis shall conform to the applicable rules and regulations of the agencies listed herein.

MEASUREMENT AND PAYMENT

Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work affected by this section and no additional compensation will be allowed therefor.

CONTRACT NO. 04-049084

ADDED PER ADDENDUM NO. 1 DATED SEPTEMBER 20, 2004

10-1.087 TESTING AND DISPOSAL OF TREATED WOOD

Treated wood that is removed from the existing fender shall be transported to a recycling or disposal facility permitted to accept such material.

Attention is directed to "Treated Wood, General" and "Bridge Removal" elsewhere in these special provisions.

The Contractor shall collect samples of treated wood that will be removed for waste characterization prior to recycling or disposal. At a minimum, 8 samples shall be collected from each pier. Samples shall consist of a plug taken from the outer 25 mm of the wood. Sample locations shall be uniformly distributed around each pier from the posts and sheathing in areas of differing sun exposure and tidal submersion. The samples shall be delivered under Chain-of-Custody procedures to a laboratory certified by the California Department of Health Services. The laboratory shall analyze the samples using: EPA method 8270 for semi-volatile organic compounds; the Toxicity Characteristic Leaching Procedure with EPA method 8270 for semi-volatile organic compounds and EPA method 6010 or the appropriate EPA method 7000 series analyses for arsenic and total chromium; and the California Waste Extraction Test with EPA method 6010 or the appropriate EPA method 7000 series analyses for arsenic, copper, zinc, and total chromium. The Contractor shall submit a sampling plan for the Engineer's approval at least 5 working days prior to sample collection. Analytical results shall be provided to the Engineer prior to disposal. For the purposes of bidding the Contractor shall assume that all treated wood does not need to be disposed at a Class I landfill as a regulated hazardous waste.

MEASUREMENT AND PAYMENT

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

Disposal of any treated wood that is characterized as a regulated hazardous waste by the test results will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications.